PATENT *DFW*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

REBECCA E. CAHOON ET. AL.

CASE NO.: BB1149USDIV

APPLICATION NO.: 10/814492

CONFIRMATION NO.:

GROUP ART UNIT:

EXAMINER:

FILED: MARCH 31, 2004

FOR: PLANT CELL CYCLIN GENES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08 forms.

Benefit of the earlier filing date of U.S. Patent Application No. 09/665,308, filed September 19, 2000 is claimed under 35 U.S.C. 120 for the above-referenced application and only copies of information not previously made of record in the parent are enclosed.

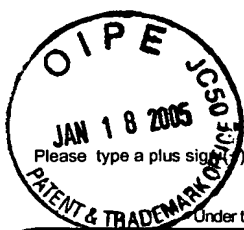
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Respectfully submitted,

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Dated: January 6, 2005

Enclosures



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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/814,492
Filing Date	March 31, 2004
First Named Inventor	Rebecca E. Cahoon et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	BB1149USDIV

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	JEAN-PIERRE RENAUDIN ET AL., Plant Mol. Biol., vol. 32:1003-1018, 1996, Plant Cyclins: a Unified Nomenclature for Plant A-, B- and D-type Cyclins based on Sequence Organization	
	2	EMBL SEQUENCE LIBRARY ACCESSION NO: D86385, 06-13-1997, ITO, M. ET AL., Cell-cycle Regulated Transcription of A- and B-type Plant Cyclin Genes	
	3	DOERKS ET AL., Protein annotation: detective work for function prediction. Trends in Genetics, June 1998, Vol. 14, No. 6, pages 248-250	
	4	RAJEEV SONI ET AL., Plant Cell, Vol. 7:85-103, 1/1995, A Family of Cyclin D Homologs from Plants Differentially Controlled by Growth Regulators and Containing the Conserved Retinoblastoma Protein Interaction Motif	
	5	DAVID A. SORRELL ET AL., Plant Physiology, vol. 119:343-351, 1/1999, Distinct Cyclin D Genes Show Mitotic Accumulation or Constant Levels of Transcripts in Tobacco Bright Yellow-2 Cells	
	6	HIROSHI KOUCHI ET AL., Plant Cell, vol. 7:1143-1155, 8/1995, Distinct Classes of Mitotic Cyclins are Differentially Expressed in the Soybean Shoot Apex during the Cell Cycle	
	7	National Center for Biotechnology Information General Identifier No. 2190259, 2/7/1999, Accession No. BAA20410, M. ITO ET AL., Cell-cycle-regulated transcription of A- and B-type plant cyclin genes in synchronous cultures	
	8	MASAKI ITO ET AL., Plant J., vol. 11(5):983-992, 1997, Cell-Cycle-Regulated Transcription of A- and B-type Plant Cyclin Genes in Synchronous Cultures	
	9	National Center for Biotechnology Information General Identifier No. 857393, 2/10/1999, Accession No. BAA09464, H. KOUCHI ET AL., Distinct classes of mitotic cyclins are differentially expressed in the soybean shoot apex during the cell cycle	
	10	National Center for Biotechnology Information General Identifier No. 857395, 2/10/1999, Accession No. BAA09465, H. KOUCHI ET AL., Distinct classes of mitotic cyclins are differentially expressed in the soybean shoot apex during the cell cycle	
	11	National Center for Biotechnology Information General Identifier No. 3915635, 12/15/1998, Accession No. P42751, R. SONI ET AL., A family of cyclin D homologs from plants differentially controlled by growth regulators and containing the conserved retinoblastoma protein interaction motif	

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		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet 2 of 3	Attorney Docket Number	BB1149USDIV	

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	12	National Center for Biotechnology Information General Identifier No. 2130119, 2/23/1996, Accession No. A57742, J. P. RENAUDIN ET AL., Cloning of four cyclins from maize indicates that higher plants have three structurally distinct groups of mitotic cyclins	
	13	JEAN-PIERRE RENAUDIN ET AL., Proc. Natl. Acad. Sci. USA, vol. 91:7375-7379, 7/1994, Cloning of four cyclins from maize indicates that higher plants have three structurally distinct groups of mitotic cyclins	
	14	National Center for Biotechnology Information General Identifier No. 4160298, 1/15/1999, Accession No. CAA09852, D. A. SORRELL ET AL., Distinct cyclin D genes show mitotic accumulation or constant levels of transcripts in tobacco bright yellow-2 cells	
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	16	National Center for Biotechnology Information General Identifier No. 3608179, 9/17/1998, Accession No. BAA33153, S. SHIMIZU ET AL., Analysis of cycles of dormancy and growth in pea axillary buds based on mRNA accumulation patterns of cell cycle-related genes	
	17	SAE SHIMIZU ET AL., Plant Cell Physiol., vol. 39(3):255-262, 1998, Analysis of Cycles of Dormancy and Growth in Pea Axillary Buds Based on mRNA Accumulation Patterns of Cell Cycle-Related Genes	
	18	CLAIRE E. COCKCROFT ET AL., Nature, Vol. 405:575-579, 6/1/2000, Cyclin D Control of Growth Rate in Plants	
	19	TIMOTHY C. WANG ET AL., Mammary hyperplasia and carcinoma in MMTV-cyclin D1 transgenic mice, Nature, Vol. 369:669-671, 06-23-1994	
	20	MARK H. BELL ET AL., Tobacco plants transformed with cdc25, a mitotic inducer gene from fission yeast, Plant Mol. Biol., Vol. 23:445-451, 1993	
	21	MARLIS DAHL ET AL., The D-Type Alfalfa Cyclin Gene cycMs4 Complements G1 Cyclin-Deficient Yeast and Is Induced in the G1 Phase of the Cell Cycle, Plant Cell, Vol. 7:1847-1857, 11/1995	
	22	R. W. HYMAN ET AL., Plasmodium falciparum chromosome 12, Accession No. AC005505, 1998, GI No. 9797717	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/814,492
		Filing Date	March 31, 2004
		First Named Inventor	Rebecca E. Cahoon et al.
		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet 3 of 3	Attorney Docket Number	BB1149USDIV	

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	23	A. RENZ ET AL., Nucleotide sequence of a cDNA encoding a D-type cyclin from a photoautotrophic cell suspension culture of Chenopodium rubrum L., Accession No. Y10162, GI No. 1770189, 1997	
	24	YUEJIN SUN ET AL., Alternative splicing of cyclin transcripts in maize endosperm, Gene, Vol. 195:167-175, 1997	
	25	CATHERINE RIOU-KHAMLICHI ET AL., Cytokinin Activation of Arabidopsis Cell Division Through a D-Type Cyclin, Science, Vol. 283:1541-1544, 1999	
	26	HIDEYUKI DAIDOJI ET AL., Proliferating Cell Nuclear Antigen (PCNA/Cyclin) in Plant Proliferating Cells: Immunohistochemical and Quantitative Analysis using Autoantibody and Murine Monoclonal Antibodies to PCNA, Cell Biochemistry and Function, Vol. 10:123-132, 1992	

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10/814492

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